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DEPARTMENT OF DEFENSE
DEFENSE NUCLEAR AGENCY
FY 1995 BUDGET ESTIMATES
REPORT ON INFORMATION TECHNOLOGY SYSTEMS

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**DEPARTMENT OF DEFENSE
DEFENSE NUCLEAR AGENCY
FY 1995 BUDGET ESTIMATES
REPORT ON INFORMATION TECHNOLOGY SYSTEMS**

EXECUTIVE SUMMARY

Information Technology Initiatives in FY 1995. Defense Nuclear Agency (DNA) will begin implementation of securing writer to reader privacy, secured wide area network login and other DOD security initiatives. The Agency will continue implementation of GOSIP, building upon X400 and X500 to enable virtual terminal access through telnet type services. Continued implementation of the virtual office will continue, to provide users with an office away from the office, while on travel or telecommuting / working from home. Increased emphasis on the Defense Research and Education Network (DREN) will allow initiation of remote collaborative computing for visualization intensive applications, models, and simulations. The major automated systems in support of nuclear stockpile management will complete the prototype phase and begin early production deployment for limited key functions. Numerous databases and systems in support of cooperative threat reduction treaties, verification and safety will be maintained and augmented.

DNA does not meet the reporting requirements for Exhibit 43A Report on Information Systems, due to not having any major systems or CIM financial systems.

Management Process Used to Validate Data: DNA senior management approves all requests for resources through program management reviews before these resources are reflected in the Agency budget.

Cost Changes Between FY1993, FY1994 and FY1995 of Thirty Percent or More.

Item 1A, "Capital Investments - Purchase of Hardware": 1) In FY94, there was a 84% decrease. Decrease is due to the purchase of supercomputing resources (\$15.5 million) in FY93 for support of Agency's Scientific Computing Program having been completed. Also, additional funding planned in FY 94 (\$1.0 million) for follow-on requirements associated with supercomputer resources acquired in FY93 for the Agency's Scientific Computing Program, was deferred to finance higher priority requirements.

Item 3A, "Equipment rental, space, and other operating costs - Lease of Hardware": 1) In FY94, there is a 76% decrease. Decrease is due to the end of a federal lease to ownership between Field Command, DNA and Digital Equipment Corporation (DEC). This hardware represents a dual VAX 3800 with 5 VAX 3100 workstations for support of the Nuclear Inventory Material and Cataloging System (NIMACS).

Item 3A, "Equipment rental, space, and other operating costs - Lease of Hardware": 1) In FY95, there is a 100% decrease due to a one time lease in FY94 of a prototype system for the Nuclear Management Information System (NUMIS), prior to making a procurement.

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REPORT ON INFORMATION TECHNOLOGY SYSTEMS**

EXECUTIVE SUMMARY

Item 4A, "Commercial Services - ADPE Time": 1) In FY94, there is a 240% increase. Increase is for expanded contractor support to run simulations on ADPE for the Agency's Radiation Sciences Directorate.

Item 4B, "Commercial Services - Voice Communications": 1) In FY94, there is a 100% decrease due to a one time purchase to replace hand held land mobile radios at Johnston Atoll for the agency's Nuclear Operations Program.

Item 4C, "Commercial Services - Data Communications": 1) In FY94, there is a 436% increase. In FY 93, funds were originally established under a planning line for Communications. Due to transition of this service from numerous Commercial Carriers to an integrated network managed by the Supercomputing Center, funds were placed on an IACRO to Los Alamos National Lab (LANL), which performed Communications support under an MOA between DNA / Scientific Computing program and DOE / LANL.

In FY 94 and FY 95 funds are identified within the DNA Scientific Computing program budget as 43 coding 4C "Commercial Services - Data Communications." Coding will be changed to 43 coding 5A "Interagency Services - payments" when budget planning line is executed.

Item 4G, "Commercial Services - Significant Use of Information Technology": 1) In FY94, there is a 100% decrease. This decrease is due to completion of pilot program for system response modeling efforts related to nuclear affects on minuteman 3/W78 missile for the Air Force.

FY94 and FY95 funding was identified in previous budget submissions for the start of build-up efforts related to system response modeling. This modeling which is associated with assessments of nuclear capable aircraft has since been deferred to finance higher priority requirements.

The above decreases for Item 4G are the result of work currently being performed by DNA's Nuclear Operations/Safety Assessment Program.

Point of contact within DNA if additional information is required. Information Management Systems Division.

Accession For	
NTIS	CRA&I
DTIC	TAB
Unannounced	
Justification	
By A 262765	
Distribution/	
Availability Codes	
Dist	Avail and/or Special
A-1	

DEFENSE NUCLEAR AGENCY
SUMMARY REPORT ON INFORMATION TECHNOLOGY SYSTEMS
(In thousands of dollars)

	<u>* FY 1993</u>	<u>FY 1994</u>	<u>FY 1995</u>
1. <u>Capital investments</u>			
A. Purchase of hardware	19,003	3,091	2,774
B. Purchase of software	1,162	1,543	1,150
C. Site or facility			
	<hr/>	<hr/>	<hr/>
Subtotal	20,165	4,634	3,924
2. <u>Personnel</u>			
A. Compensation, benefits and travel	6,101	5,228	5,343
B. Workyears	145	132	132
	<hr/>	<hr/>	<hr/>
Subtotal	6,101	5,228	5,343
3. <u>Equipment rental, space, and other operating costs</u>			
A. Lease of hardware	131	31	
B. Lease of software	478	472	490
C. Space	113	116	120
D. Supplies and other	593	486	539
	<hr/>	<hr/>	<hr/>
Subtotal	1,315	1,105	1,149
4. <u>Commercial services</u>			
A. ADPE time	100	340	290
B. Voice communications	21		
C. Data communications	297	1,591	1,406
D. Operations and maintenance	4,938	3,669	4,641
E. Systems analysis, programming, design, and engineering	7,337	5,583	4,999
F. Studies and other	1,876	1,935	2,202
G. Significant use of information technology	5,865		
	<hr/>	<hr/>	<hr/>
Subtotal	20,434	13,118	13,538

	<u>* FY 1993</u>	<u>FY 1994</u>	<u>FY 1995</u>
5. <u>Interagency services</u>			
A. Payments	13,190	10,111	13,164
B. Offsetting collections	-872	-837	-837
	<hr/>	<hr/>	<hr/>
Subtotal	12,318	9,274	12,327
6. <u>Intra-agency services</u>			
A. Payments			
B. Offsetting collections			
	<hr/>	<hr/>	<hr/>
Subtotal	0	0	0
7. <u>Other services</u>			
A. Payments			
B. Offsetting collections			
	<hr/>	<hr/>	<hr/>
Subtotal	0	0	0
	<hr/>	<hr/>	<hr/>
TOTAL			
Total obligations	60,333	33,359	36,281
Workyears	145	132	132
Appropriation/Fund			
RDT&E	41,379	15,813	17,663
O&M, Defensewide	14,650	13,832	15,814
P, Defensewide	2,949	2,749	1,702
MP	1,355	965	1,102
MILCON			

* FY 1993 Dollar threshold used for purchase of software was \$15,000.

DEFENSE NUCLEAR AGENCY
SUMMARY REPORT ON DEVELOPMENT AND MODERNIZATION
(In thousands of dollars)

	<u>* FY 1993</u>	<u>FY 1994</u>	<u>FY 1995</u>
1. <u>Capital investments</u>			
A. Purchase of hardware	16,839	2,010	1,244
B. Purchase of software:			
1) Purchase of operating systems and communications software that exceeds \$25,000		100	
2) Purchase of custom applications software that exceeds \$25,000	792	700	700
3) Purchase of off-the-shelf applications software that exceeds \$25,000	168	293	
C. Site or facility			
	<hr/>	<hr/>	<hr/>
Subtotal	17,799	3,103	1,944
2. <u>Personnel and travel</u>			
A. Compensation and benefits			
1) General management			
2) Other	2,176	1,467	1,482
B. Workyears			
1) General management			
2) Other	67	54	54
C. Travel	97	64	72
	<hr/>	<hr/>	<hr/>
Subtotal	2,273	1,531	1,554
3. <u>Equipment rental, space, and other operating costs</u>			
A. Lease of hardware	131	31	
B. Lease of software:			
1) Lease of operating systems and communications software	353	353	361
2) Lease of applications software			
C. Space			
D. Supplies and other:			
1) Purchase of off-the-shelf operating systems and communications software of \$25,000 or less	5	5	5

	<u>* FY 1993</u>	<u>FY 1994</u>	<u>FY 1995</u>
2) Purchase of off-the-shelf applications software of \$25,000 or less	8	26	21
3) Supplies	58	11	26
4) Other	19	100	106
	<hr/>	<hr/>	<hr/>
Subtotal	574	526	519
 4. <u>Commercial services</u>			
A. ADPE time	100	340	290
B. Voice communications			
C. Data communications	177	225	131
D. Operations	5		
E. Maintenance:			
1) Hardware	467	473	486
2) Software	53	47	37
F. Systems analysis, programming, design and engineering:			
1) Purchase of custom applications software of \$25,000 or less			
2) Design and/or development of services, networks or facilities	5,352	3,859	2,612
G. Studies and other:			
1) Studies	1,730	1,823	2,077
2) Commercial training	58	36	43
3) Other	32	4	
H. Significant use of Information technology	5,865		
	<hr/>	<hr/>	<hr/>
Subtotal	13,839	6,807	5,676

	<u>FY 1993</u>	<u>FY 1994</u>	<u>FY 1995</u>
5. <u>Interagency services</u>			
A. Payments	401	175	130
1) Department of Energy/Lawrence Livermore Nat'l Lab - Hazard Prediction and Assessment Modeling	30		
2) Defense Information Systems Agency - DNA Operations Supt	321		
3) Defense Telecommunications Svcs - HQ DNA Telecommunications Supt	50	50	50
4) Department of Air Force/Phillips Lab - Development of Scientific Computer Codes		125	80
B. Offsetting collections	0	0	0
Subtotal	401	175	130
6. <u>Intra-agency services</u>			
A. Payments			
B. Offsetting collections			
Subtotal	0	0	0
7. <u>Other services</u>			
A. Payments			
B. Offsetting collections			
Subtotal	0	0	0
TOTAL			
Total obligations	34,886	12,142	9,823
Workyears	67	54	54
Appropriation/Fund			
RDT&E	28,923	6,606	5,470
O&M, Defensewide	3,303	2,613	2,401
P, Defensewide	1,820	2,377	1,244
MP	840	546	708
MILCON			

* FY 1993 Dollar threshold used for purchase of software was \$15,000.

**DEFENSE NUCLEAR AGENCY
SUMMARY REPORT ON OPERATIONS AND OTHER COST
(In thousands of dollars)**

	<u>* FY 1993</u>	<u>FY 1994</u>	<u>FY 1995</u>
1. <u>Capital Investments</u>			
A. Purchase of hardware	2,164	1,081	1,530
B. Purchase of software:			
1) Purchase of operating systems and communications software that exceeds \$25,000	52	100	100
2) Purchase of custom applications software that exceeds \$25,000	50	50	50
3) Purchase of off-the-shelf applications software that exceeds \$25,000	100	300	300
C. Site or facility			
Subtotal	<u>2,366</u>	<u>1,531</u>	<u>1,980</u>
2. <u>Personnel and travel</u>			
A. Compensation and benefits			
1) General management	1,532	1,332	1,362
2) Other	2,171	2,287	2,328
B. Workyears			
1) General management	32	28	28
2) Other	46	50	50
C. Travel	125	78	99
Subtotal	<u>3,828</u>	<u>3,697</u>	<u>3,789</u>
3. <u>Equipment rental, space, and other operating costs</u>			
A. Lease of hardware			
B. Lease of software:			
1) Lease of operating systems and communications software			
2) Lease of applications software	125	119	129
C. Space	113	116	120
D. Supplies and other:			
1) Purchase of off-the-shelf operating systems and communications software of \$25,000 or less	3		

	<u>FY 1993</u>	<u>FY 1994</u>	<u>FY 1995</u>
2) Purchase of off-the-shelf applications software of \$25,000 or less	229	219	244
3) Supplies	135	41	41
4) Other	136	84	96
	<hr/>	<hr/>	<hr/>
Subtotal	741	579	630

4. Commercial services

A. ADPE time	21		
B. Voice communications	120	1,366	1,275
C. Data communications	3,128	1,948	2,930
D. Operations			
E. Maintenance:			
1) Hardware	958	892	878
2) Software	327	309	310
F. Systems analysis, programming, design and engineering:			
1) Purchase of custom applications software of \$25,000 or less	172	514	531
2) Design and/or development of services, networks or facilities	1,813	1,210	1,856
G. Studies and other:			
1) Studies	2	7	4
2) Commercial training	21	29	41
3) Other	33	36	37
H. Significant use of information technology			
	<hr/>	<hr/>	<hr/>
Subtotal	6,595	6,311	7,862

* FY 1993 FY 1994 FY 1995

5. Interagency services

A. Payments

	12,789	9,936	13,034
1) Department of Energy/Los Alamos Nat'l Lab - Scientific Computing Support	9,985	6,501	9,550
2) Department of Energy/Lawrence Livermore Nat'l Lab - Hazard Prediction and Assessment Modeling	95	123	126
3) Department of Army - Johnston Atoll Communications	3		
4) Department of Air Force - Johnston Atoll Communications	436	240	246
5) GSA - Communications Support	5		
6) Defense Information Systems Agency - DNA Operations Supt	1,296	2,311	2,281
7) Defense Telecommunications Svcs - HQ DNA Telecommunications Supt	633	623	690
8) Defense Information Systems Agency - Software Maintenance	100	106	108
9) Department of Air Force - Systems Development	210		
10) Department of Justice - Juris Data Base Access	2		
11) Library of Congress - ADP Time	24	32	33

B. Offsetting collections

	872	837	837
1) Department of Navy - ADP Time	10	10	10
2) Foreign Military Sales - ADP Time	25	25	25
3) Strategic Defense Initiatives Office - ADP Time		5	5
4) Department of Army - Johnston Atoll Communications	797	797	797
5) Department of Army - Operational Support	40		

Subtotal

11,917	9,099	12,197
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	<u>* FY 1993</u>	<u>FY 1994</u>	<u>FY 1995</u>
6. <u>Intra-agency services</u>			
A. Payments			
B. Offsetting collections			
Subtotal	0	0	0
7. <u>Other services</u>			
A. Payments			
B. Offsetting collections			
Subtotal	0	0	0
TOTAL			
Total obligations	25,447	21,217	26,458
Workyears	78	78	78
Appropriation/Fund			
RDT&E	12,456	9,207	12,193
O&M, Defensewide	11,347	11,219	13,413
P, Defensewide	1,129	372	458
MP	515	419	394
MILCON			

* FY 1993 Dollar threshold used for purchase of software was \$15,000.

DEPARTMENT OF DEFENSE
DEFENSE NUCLEAR AGENCY
REPORT ON AIS/PROGRAM BY CIM FUNCTIONAL AREA
(in thousands of dollars)

FY 1993 FY 1994 FY 1995 FY 1996 FY 1997 FY 1998 FY 1999

A. DEVELOPMENT/MODERNIZATION

1. CIM FUNCTIONAL AREA #1 N/A

Automated Information System Title GFE Scientific Computing Modernization

1. Capital investments

A. Purchase of hardware \$ 15,500

Subtotal \$ 15,500

Workyears 0

Appropriation/Fund
RDT&E \$ 15,500

Miscellaneous Dev/Mod \$ 0

Subtotal \$ 0

Workyears 0

Appropriation/Fund 0

CIM FUNCTIONAL AREA #1 TOTAL

Workyears
Appropriation/Fund
RDT&E \$ 15,500

TOTAL DEVELOPMENT/MODERNIZATION

Workyears 0
Appropriation/Fund
RDT&E \$ 15,500

**DEPARTMENT OF DEFENSE
DEFENSE NUCLEAR AGENCY**

Narrative Statement

1. AIS Title, Number, and CIM Functional Area: GFE/Scientific Computing
2. Responsible Organization: Information Management Systems Division (IMSD)
Scientific Computing Systems Branch (SDSC)
Eugene Stokes, Chief
Date Manager Assigned to System: March 8, 1993

2 Scope:

a. Mission Supported: The Defense Nuclear Agency's primary mission is to support the Office of the Secretary of Defense (OSD), the Joint Chiefs of Staff (JCS), the Military Departments, the Unified and Specified Commands, the Defense Agencies, and other Federal organizations, in analyzing the effects of nuclear and conventional weapons systems, and other aspects of the DoD nuclear program to include non-proliferation, cooperative threat reduction, safe and secure dismantlement, and treaty verification technologies.

GFE Scientific Computing is classified as a separate category of AIS because it provides centralized supercomputing support for all Defense Nuclear Agency (DNA) Research, Development, Test and Evaluation (RDT&E) projects. To ensure its ability to accomplish key elements of its mission, DNA conducts a rigorous RDT&E program that encompasses every aspect of nuclear and conventional weapons effects. This program relies heavily on scientific computing to support the activities conducted by the three principal technical directorates: Shock Physics, Radiation, and Test.

These three directorates share a somewhat common approach to calculations -- as an aid to the basic understanding of the complex and interrelated physical phenomena that occur as the result of nuclear and high energy explosions. In order to understand the uncertainties in the phenomenological models, as well as the parameters associated with these models, numerous sensitivity or parameter studies must be performed. These calculations are very often used to aid in the design of the experiments, models, and simulations, by predicting the type and levels of required measurements. After validation, the calculations are used to provide system-specific predictions of nuclear and conventional weapons effects to DoD.

b. **Functions Performed:** Provide computational support for DoD researchers and their contractors performing RDT&E for DNA projects.

c. **Current Resources Used:** CRAY YMP/M98 and other supercomputer resources provided by Los Alamos National Laboratory (LANL) on a reimbursable basis.

4. **Benefits:** DNA's participation in the LANL environment has proved to be extremely beneficial from both a technical and economic perspective. Verification of the continued cost effectiveness of the LANL/DNA arrangement was performed by comparing LANL to other commercial and government facilities that could provide the computer support required by DNA. Through participation in the LANL resource pooling, DNA avoids approximately \$2 million each fiscal year in contractor add-on costs.

The replacement supercomputer is a significant factor in maintaining DNA's scientific research capability, and containing the long term cost of providing computing support. The recent DoD High Performance Computing Plan, in which DNA was an integral participant, clearly demonstrated that the overall DoD supercomputing infrastructure is saturated and obsolete. It is critical DNA participate in the DoD supercomputer technology renewal process, not only to meet DNA needs, but as a part of the overall DoD modernization. With the unavailability of future underground testing, DNA will increasingly rely on computer modeling and simulation. The supercomputer is our key to the future. The acquisition will also be cost-effective, with an economic pay-back within three years verses the cost of maintaining an obsolete system, while buying high-end computing time on the open market.

A separate formal economic analysis / cost-benefit analysis was not performed for the GFE / Scientific Computing initiative. The economic analysis was included in the development of the Future Year Plan and numerous POM and budget documents.

5. **Milestones:**

<u>Milestone Description</u>	<u>Approved Schedule</u>	<u>Current Estimate</u>	<u>Approval Level</u>
I. Procurement Approved (Internal Agency Approval)	FY1990	FY1990	Director, DNA
II. Competitive Procurement for Supercomputer Resources	FY1993	FY1993	Director, DNA
III. Procure Supercomputer Resources	FY1993	completed	Director, DNA
IV. Install Supercomputer at LANL	FY1993	completed	Director, DNA

6. Major Items of Interest:

a. Status: Procurement of supercomputer resources completed in FY1993.
No outstanding problem areas.

b. Contracts: DNA 001-93-C-0222

c. Changes to Resources:

The DNA/Scientific Computing program plan to purchase and install HPC resources in FY 1997 (\$25.0 Million) has been eliminated due to planned participation by DNA in the expanded DoD RDT&E HPC resources to be supplied by the DoD HPC Modernization Plan.

d. Resources:

(1) Life-Cycle Cost.

Approved Estimate - \$N/A

Current Estimate - \$15.5 million

(2) Program Cost:

Approved Estimate - \$N/A

Current Estimate - \$15.5 million

(3) Sunk Cost - \$15.5 million

(4) Cost to Complete - \$ 0

**DEPARTMENT OF DEFENSE
DEFENSE NUCLEAR AGENCY
FY 1995 BUDGET ESTIMATES
ADP Requirements/Indefinite Delivery-Quantity Contract**

1. Identification -- All participants:

- a. Contract Name: Standard Software Requirements Contract 1
- b. Description of equipment: S/W and H/W

2. Contract Data (for contracts already awarded) -- All participants:

- a. Contract Number: F01620-91-D-0001
- b. Estimated Contract Obligations by appropriation (show estimated contract requirements).

	<u>FY 1994</u>	<u>FY 1995</u>	<u>FY 1996</u>	<u>FY 1997</u>	<u>FY 1998</u>	<u>FY 1999</u>
• Procurement						
• O&M	25	30	35	40	45	50
• Other (specify)						

- c. Units acquired/to be acquired by FY: 100-200 Units of office automation S/W and H/W / per year

3. Contract Data (for contracts already awarded) - Lead Component only:

- a. Contract awarded to:
- b. Brand name(s) and model number(s) of primary hardware and software:
- c. Contract Award Date:
- d. Contract type: (requirements or IDIQ)
- e. Basic contract duration in years:
- f. Contract renewal options:
- g. Scope of the contract (including purpose):

	<u>FY 1994</u>	<u>FY 1995</u>	<u>FY 1996</u>	<u>FY 1997</u>	<u>FY 1998</u>	<u>FY 1999</u>
h. Estimated value of contract:						
i. Minimum obligation by FY:						

4. Contract Data (for contracts not yet awarded) - All participants:

- a. Contract Number:
- b. Estimated Contract Obligations by appropriation

	<u>FY 1994</u>	<u>FY 1995</u>	<u>FY 1996</u>	<u>FY 1997</u>	<u>FY 1998</u>	<u>FY 1999</u>
• Procurement						
• O&M						
• Other (specify)						

- c. Units acquired/to be acquired by FY:

5. Solicitation data (for contracts not yet awarded) - Lead Component only

- a. Is acquisition exempt from the Brooks Bill under the Warner Amendment?
- b. If applicable, date and GSA case number of Delegation Procurement?
- c. Estimated date of contract award:
- d. Scope of the proposed contract:
- e. Estimated quantities of hardware, software, or services to be acquired:
- f. If the acquisition strategy for this contract involves or involved less than full and open competition, list the acquisition strategy:
- g. Justification for this contract. (A copy of the Lead Component's approval documentation may be used as justification.

**DEPARTMENT OF DEFENSE
DEFENSE NUCLEAR AGENCY
FY 1995 BUDGET ESTIMATES
ADP Requirements/Indefinite Delivery-Quantity Contract**

1. Identification -- All participants:

- a. **Contract Name:** Companion Contract
- b. **Description of equipment:** S/W and H/W

2. Contract Data (for contracts already awarded) -- All participants:

- a. **Contract Number:** N66032-91D-0002
- b. **Estimated Contract Obligations by appropriation (show estimated contract requirements).**

	<u>FY 1994</u>	<u>FY 1995</u>	<u>FY 1996</u>	<u>FY 1997</u>	<u>FY 1998</u>	<u>FY 1999</u>
• Procurement						
• O&M	24	27	29	32	35	38
• Other (specify)						

- c. **Units acquired/to be acquired by FY:** 100-200 Units of office automation S/W and H/W / per year

3. Contract Data (for contracts already awarded) - Lead Component only:

- a. **Contract awarded to:**
- b. **Brand name(s) and model number(s) of primary hardware and software:**
- c. **Contract Award Date:**
- d. **Contract type:** (requirements or IDIQ)
- e. **Basic contract duration in years:**
- f. **Contract renewal options:**
- g. **Scope of the contract (including purpose):**

	<u>FY 1994</u>	<u>FY 1995</u>	<u>FY 1996</u>	<u>FY 1997</u>	<u>FY 1998</u>	<u>FY 1999</u>
h. Estimated value of contract:						
i. Minimum obligation by FY:						

4. Contract Data (for contracts not yet awarded) - All participants:

- a. **Contract Number:**
- b. **Estimated Contract Obligations by appropriation**

	<u>FY 1994</u>	<u>FY 1995</u>	<u>FY 1996</u>	<u>FY 1997</u>	<u>FY 1998</u>	<u>FY 1999</u>
• Procurement						
• O&M						
• Other (specify)						

- c. **Units acquired/to be acquired by FY:**

5. Solicitation data (for contracts not yet awarded) - Lead Component only

- a. **Is acquisition exempt from the Brooks Bill under the Warner Amendment?**
- b. **If applicable, date and GSA case number of Delegation Procurement?**
- c. **Estimated date of contract award:**
- d. **Scope of the proposed contract:**
- e. **Estimated quantities of hardware, software, or services to be acquired:**
- f. **If the acquisition strategy for this contract involves or involved less than full and open competition, list the acquisition strategy:**
- g. **Justification for this contract. (A copy of the Lead Component's approval documentation may be used as justification.**

**DEPARTMENT OF DEFENSE
DEFENSE NUCLEAR AGENCY
FY 1995 BUDGET ESTIMATES
ADP Requirements/Indefinite Delivery-Quantity Contract**

1. Identification -- All participants:

- a. **Contract Name:** National Photographic Interpretation Contract
- b. **Description of equipment:** Sun Equipment and Workstations

2. Contract Data (for contracts already awarded) -- All participants:

- a. **Contract Number:** 93-K 362300-000
- b. **Estimated Contract Obligations by appropriation (show estimated contract requirements).**

	<u>FY 1994</u>	<u>FY1995</u>	<u>FY1996</u>	<u>FY 1997</u>	<u>FY1998</u>	<u>FY1999</u>
• Procurement						
• O&M						
• Other (RDT&E)	500	500	500	500	500	500

- c. **Units acquired/to be acquired by FY:** 10-15 workstations / per year

3. Contract Data (for contracts already awarded) - Lead Component only:

- a. **Contract awarded to:**
- b. **Brand name(s) and model number(s) of primary hardware and software:**
- c. **Contract Award Date:**
- d. **Contract type:** (requirements or IDIQ)
- e. **Basic contract duration in years:**
- f. **Contract renewal options:**
- g. **Scope of the contract (including purpose):**

FY 1994 FY1995 FY1996 FY 1997 FY1998 FY1999

- h. **Estimated value of contract:**
- i. **Minimum obligation by FY:**

4. Contract Data (for contracts not yet awarded) - All participants:

- a. **Contract Number:**
- b. **Estimated Contract Obligations by appropriation**

	<u>FY 1994</u>	<u>FY1995</u>	<u>FY1996</u>	<u>FY 1997</u>	<u>FY1998</u>	<u>FY1999</u>
• Procurement						
• O&M						
• Other (specify)						

- c. **Units acquired/to be acquired by FY:**

5. Solicitation data (for contracts not yet awarded) - Lead Component only

- a. **Is acquisition exempt from the Brooks Bill under the Warner Amendment?**
- b. **If applicable, date and GSA case number of Delegation Procurement?**
- c. **Estimated date of contract award:**
- d. **Scope of the proposed contract:**
- e. **Estimated quantities of hardware, software, or services to be acquired:**
- f. **If the acquisition strategy for this contract involves or involved less than full and open competition, list the acquisition strategy:**
- g. **Justification for this contract. (A copy of the Lead Component's approval documentation may be used as justification.**

**DEPARTMENT OF DEFENSE
DEFENSE NUCLEAR AGENCY
FY 1995 BUDGET ESTIMATES
ADP Requirements/Indefinite Delivery-Quantity Contract**

1. Identification -- All participants:

- a. **Contract Name:** Office Automation Secure Information System
- b. **Description of equipment:** System Design, Application Development, COTS Hardware, COTS Software and Full Life Cycle Support Services

2. Contract Data (for contracts already awarded) -- All participants:

- a. **Contract Number:** F34608-89-D-0006
- b. **Estimated Contract Obligations by appropriation (show estimated contract requirements).**

	<u>FY 1994</u>	<u>FY1995</u>	<u>FY1996</u>	<u>FY1997</u>	<u>FY1998</u>	<u>FY1999</u>
• Procurement	1000	500	500	600	600	
• O&M	425	450	475	500	525	
• Other (specify)						

- c. **Units acquired/to be acquired by FY:** 30 workstations, servers, sw FY94, 15 FY95 to FY98

3. Contract Data (for contracts already awarded) - Lead Component only

- a. **Contract awarded to:**
- b. **Brand name(s) and model number(s) of primary hardware and software:**
- c. **Contract Award Date:**
- d. **Contract type:** (requirements or IDIQ)
- e. **Basic contract duration in years:**
- f. **Contract renewal options:**
- g. **Scope of the contract (including purpose):**

FY1994 FY1995 FY1996 FY1997 FY1998 FY1999

- h. **Estimated value of contract:**
- i. **Minimum obligation by FY:**

4. Contract Data (for contracts not yet awarded) - All participants:

- a. **Contract Number:**
- b. **Estimated Contract Obligations by appropriation**

FY1994 FY1995 FY1996 FY1997 FY1998 FY1999

- Procurement
- O&M
- Other (specify)

- c. **Units acquired/to be acquired by FY:**

5. Solicitation data (for contracts not yet awarded) -Lead Component only

- a. **Is acquisition exempt from the Brooks Bill under the Warner Amendment?**
- b. **If applicable, date and GSA case number of Delegation Procurement?**
- c. **Estimated date of contract award:**
- d. **Scope of the proposed contract:**
- e. **Estimated quantities of hardware, software, or services to be acquired:**
- f. **If the acquisition strategy for this contract involves or involved less than full and open competition, list the acquisition strategy:**
- g. **Justification for this contract. (A copy of the Lead Component's approval documentation may be used as justification.**

**DEPARTMENT OF DEFENSE
DEFENSE NUCLEAR AGENCY
FY 1995 BUDGET ESTIMATES
ADP Requirements/Indefinite Delivery-Quantity Contract**

1. Identification -- All participants:

- a. **Contract Name:** Tactical Air Force Workstations
- b. **Description of equipment:** Sun Equipment and Workstations

2. Contract Data (for contracts already awarded) -- All participants:

- a. **Contract Number:** F19630-91-D-0005
- b. **Estimated Contract Obligations by appropriation (show estimated contract requirements).**

	<u>FY 1994</u>	<u>FY 1995</u>	<u>FY 1996</u>	<u>FY 1997</u>	<u>FY 1998</u>	<u>FY 1999</u>
• Procurement						
• O& M	425	450	475	500		
• Other (RDT&E)	1000	500	500	600		

- c. **Units acquired/to be acquired by FY:** 20 workstations in FY94, 10 each, FY95-97

3. Contract Data (for contracts already awarded) - Lead Component only:

- a. **Contract awarded to:**
- b. **Brand name(s) and model number(s) of primary hardware and software:**
- c. **Contract Award Date:**
- d. **Contract type:** (requirements or IDIQ)
- e. **Basic contract duration in years:**
- f. **Contract renewal options:**
- g. **Scope of the contract (including purpose):**

	<u>FY 1994</u>	<u>FY 1995</u>	<u>FY 1996</u>	<u>FY 1997</u>	<u>FY 1998</u>	<u>FY 1999</u>
h. Estimated value of contract:						
i. Minimum obligation by FY:						

4. Contract Data (for contracts not yet awarded) - All participants:

- a. **Contract Number:**
- b. **Estimated Contract Obligations by appropriation**

	<u>FY 1994</u>	<u>FY 1995</u>	<u>FY 1996</u>	<u>FY 1997</u>	<u>FY 1998</u>	<u>FY 1999</u>
• Procurement						
• O&M						
• Other (specify)						

- c. **Units acquired/to be acquired by FY:**

5. Solicitation data (for contracts not yet awarded) - Lead Component only

- a. **Is acquisition exempt from the Brooks Bill under the Warner Amendment?**
- b. **If applicable, date and GSA case number of Delegation Procurement?**
- c. **Estimated date of contract award:**
- d. **Scope of the proposed contract:**
- e. **Estimated quantities of hardware, software, or services to be acquired:**
- f. **If the acquisition strategy for this contract involves or involved less than full and open competition, list the acquisition strategy:**
- g. **Justification for this contract. (A copy of the Lead Component's approval documentation may be used as justification.**

**DEPARTMENT OF DEFENSE
DEFENSE NUCLEAR AGENCY
FY 1995 BUDGET ESTIMATES
ADP Requirements/Indefinite Delivery-Quantity Contract**

1. Identification -- All participants:

- a. **Contract Name:** AFCAC 300
- b. **Description of equipment:** HP Super-Minicomputers

2. Contract Data (for contracts already awarded) -- All participants:

- a. **Contract Number:** F19630-93-D-0001
- b. **Estimated Contract Obligations by appropriation (show estimated contract requirements).**

FY 1994 FY1995 FY1996 FY 1997 FY1998 FY1999

- Procurement
- O&M
- Other (RDT&E) 800 800 800 800 800 800

- c. **Units acquired/to be acquired by FY:** 4 office automation S/W and H/W servers / per year

3. Contract Data (for contracts already awarded) - Lead Component only:

- a. **Contract awarded to:**
- b. **Brand name(s) and model number(s) of primary hardware and software:**
- c. **Contract Award Date:**
- d. **Contract type: (requirements or IDIQ)**
- e. **Basic contract duration in years:**
- f. **Contract renewal options:**
- g. **Scope of the contract (including purpose):**

FY 1994 FY1995 FY1996 FY 1997 FY1998 FY1999

- h. **Estimated value of contract:**
- i. **Minimum obligation by FY:**

4. Contract Data (for contracts not yet awarded) - All participants:

- a. **Contract Number:**
- b. **Estimated Contract Obligations by appropriation**

FY 1994 FY1995 FY1996 FY 1997 FY1998 FY1999

- Procurement
- O&M
- Other (specify)

- c. **Units acquired/to be acquired by FY:**

5. Solicitation data (for contracts not yet awarded) - Lead Component only

- a. **Is acquisition exempt from the Brooks Bill under the Warner Amendment?**
- b. **If applicable, date and GSA case number of Delegation Procurement?**
- c. **Estimated date of contract award:**
- d. **Scope of the proposed contract:**
- e. **Estimated quantities of hardware, software, or services to be acquired:**
- f. **If the acquisition strategy for this contract involves or involved less than full and open competition, list the acquisition strategy:**
- g. **Justification for this contract. (A copy of the Lead Component's approval documentation may be used as justification.**

**DEPARTMENT OF DEFENSE
DEFENSE NUCLEAR AGENCY
FY 1995 BUDGET ESTIMATES
ADP Requirements/Indefinite Delivery-Quantity Contract**

1. Identification -- All participants:

- a. Contract Name: Super-Minicomputer
- b. Description of equipment: S/W and H/W

2. Contract Data (for contracts already awarded) -- All participants:

- a. Contract Number: F19630-93-D-0001
- b. Estimated Contract Obligations by appropriation (show estimated contract requirements).

	<u>FY 1994</u>	<u>FY 1995</u>	<u>FY 1996</u>	<u>FY 1997</u>	<u>FY 1998</u>	<u>FY 1999</u>
• Procurement						
• O&M	25	30	35	40	45	50
• Other (specify)						

- c. Units acquired/to be acquired by FY: 1 machine / per year

3. Contract Data (for contracts already awarded) - Lead Component only:

- a. Contract awarded to:
- b. Brand name(s) and model number(s) of primary hardware and software:
- c. Contract Award Date:
- d. Contract type: (requirements or IDIQ)
- e. Basic contract duration in years:
- f. Contract renewal options:
- g. Scope of the contract (including purpose):

	<u>FY 1994</u>	<u>FY 1995</u>	<u>FY 1996</u>	<u>FY 1997</u>	<u>FY 1998</u>	<u>FY 1999</u>
h. Estimated value of contract:						
i. Minimum obligation by FY:						

4. Contract Data (for contracts not yet awarded) - All participants:

- a. Contract Number:
- b. Estimated Contract Obligations by appropriation

	<u>FY 1994</u>	<u>FY 1995</u>	<u>FY 1996</u>	<u>FY 1997</u>	<u>FY 1998</u>	<u>FY 1999</u>
• Procurement						
• O&M						
• Other (specify)						

- c. Units acquired/to be acquired by FY:

5. Solicitation data (for contracts not yet awarded) - Lead Component only

- a. Is acquisition exempt from the Brooks Bill under the Warner Amendment?
- b. If applicable, date and GSA case number of Delegation Procurement?
- c. Estimated date of contract award:
- d. Scope of the proposed contract:
- e. Estimated quantities of hardware, software, or services to be acquired:
- f. If the acquisition strategy for this contract involves or involved less than full and open competition, list the acquisition strategy:
- g. Justification for this contract. (A copy of the Lead Component's approval documentation may be used as justification.

**DEPARTMENT OF DEFENSE
DEFENSE NUCLEAR AGENCY
FY 1995 BUDGET ESTIMATES
ADP Requirements/Indefinite Delivery-Quantity Contract**

1. Identification -- All participants:

- a. **Contract Name:** Desktop Contract
- b. **Description of equipment:** S/W and H/W

2. Contract Data (for contracts already awarded) -- All participants:

- a. **Contract Number:** F01620-93-D-0002
- b. **Estimated Contract Obligations by appropriation (show estimated contract requirements).**

	<u>FY 1994</u>	<u>FY 1995</u>	<u>FY 1996</u>	<u>FY 1997</u>	<u>FY 1998</u>	<u>FY 1999</u>
• Procurement						
• O&M	25	30	35	40	45	50
• Other (specify)						

- c. **Units acquired/to be acquired by FY:** 100 units HW/SW office automation / per year

3. Contract Data (for contracts already awarded) - Lead Component only:

- a. **Contract awarded to:**
- b. **Brand name(s) and model number(s) of primary hardware and software:**
- c. **Contract Award Date:**
- d. **Contract type:** (requirements or IDIQ)
- e. **Basic contract duration in years:**
- f. **Contract renewal options:**
- g. **Scope of the contract (including purpose):**

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- h. **Estimated value of contract:**
- i. **Minimum obligation by FY:**

4. Contract Data (for contracts not yet awarded) - All participants:

- a. **Contract Number:**
- b. **Estimated Contract Obligations by appropriation**

	<u>FY 1994</u>	<u>FY 1995</u>	<u>FY 1996</u>	<u>FY 1997</u>	<u>FY 1998</u>	<u>FY 1999</u>
• Procurement						
• O&M						
• Other (specify)						

- c. **Units acquired/to be acquired by FY:**

5. Solicitation data (for contracts not yet awarded) - Lead Component only

- a. **Is acquisition exempt from the Brooks Bill under the Warner Amendment?**
- b. **If applicable, date and GSA case number of Delegation Procurement?**
- c. **Estimated date of contract award:**
- d. **Scope of the proposed contract:**
- e. **Estimated quantities of hardware, software, or services to be acquired:**
- f. **If the acquisition strategy for this contract involves or involved less than full and open competition, list the acquisition strategy:**
- g. **Justification for this contract. (A copy of the Lead Component's approval documentation may be used as justification.**